

ABSTRACT OF THE DISCLOSURES

A multi-purpose buckle sensor assembly comprises a hall sensor portion including a hall sensor and a printed enclosed in one package; a base plate including a metal pattern with a plurality of terminal portions for control and power lines formed in a predetermined pattern and a supporting plate including a plurality of terminal seats for connecting the connecting ends of control and power lines to the terminal portions; a movable member including at least two contact terminals for generating various control and a terminal block made of a heat-melted in the form of a fork having three branches at the front portion and including at least one portions enclosing the connecting ends of the control and power lines electrically coupled to each another with the control terminal portions in corresponding power terminal seats, in which the hall sensor portion is cooperated with a buckle assembly.